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10/18/2006

GATES & COOPER LLP
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(Depositor's name)
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,286	01/23/2004	Patrick D. Bossman	SVL920030112US1	9685

TITLE OF INVENTION: QUERY TRANSFORMATION FOR QUERIES INVOLVING CORRELATED SUBQUERIES HAVING CORRELATION JOIN PREDICATES WITH LOCAL FILTERING PREDICATES INVOLVING PREDICATE TRANSITIVE CLOSURE AND PREDICATE PULL-OUT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	01/18/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
KIM, PAUL	2161	707-003000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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1 Gates & Cooper LLP

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

International Business Machines
 Corporation

Armonk, New York

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

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☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 09-0460 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

George H. Gates

Typed or printed name

George H. Gates

01/11/2007 SZEWDIE2 00000021 090460 10764286
 Date November 15, 2006

01 FC:1501 1400.00 DA
 Reg Fee: 1504 33,500.00 DA

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Notice of Allow. Date: October 18, 2006

Confirmation No.: 9685

Due Date: January 18, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Patrick D. Bossman et al. Examiner: Paul Kim
Serial No.: 10/764,286 Group Art Unit: 2161
Filed: January 23, 2004 Docket: SVL920030112US1
Title: QUERY TRANSFORMATION FOR QUERIES INVOLVING CORRELATED SUBQUERIES
HAVING CORRELATION JOIN PREDICATES WITH LOCAL FILTERING PREDICATES
INVOLVING PREDICATE TRANSITIVE CLOSURE AND PREDICATE PULL-OUT

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Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate.
- ☒ "Fee Address" Indication Form.
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- ☒ PTOL-85B – Part B – Issue Fee Transmittal (in duplicate).
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Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application. A duplicate of this paper is enclosed.

Customer Number 45729
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GHG/bjs